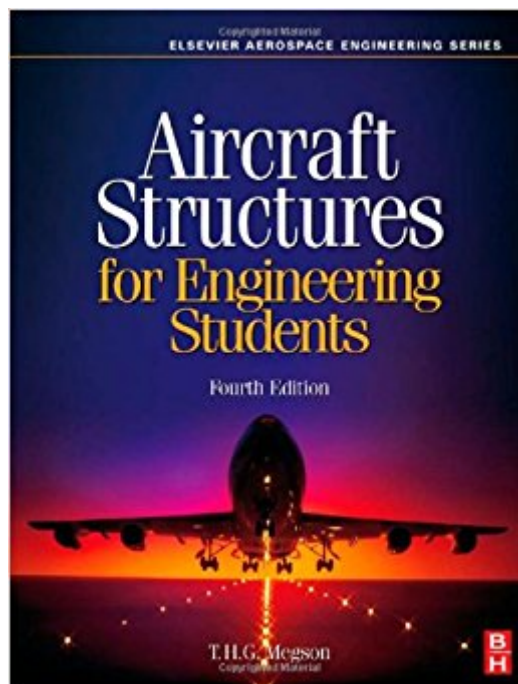




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Aircraft Structures For Engineering Students, Fourth Edition (Elsevier Aerospace Engineering)



Synopsis

Aircraft Structures for Engineering Students is the leading self contained aircraft structures course text. It covers all fundamental subjects, including elasticity, structural analysis, airworthiness and aeroelasticity. Now in its fourth edition, the author has revised and updated the text throughout and added new case study and worked example material to make the text even more accessible. The leading Aircraft Structures text, covering a complete course from basic structural mechanics to finite element analysis. Enhanced pedagogy with additional case studies, worked examples and home work exercises

Book Information

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This is an excellent book and should find a place on the shelf of any student or practising engineer involved in aircraft structural analysis. I can recommend it to the aeronautical community without reservation - The Aeronautical Journal, October 2001 "As an introduction to the problems encountered in the structural design of modern aircraft, Megson's book can be recommended to both students and those engaged in structural analysis aerospace design offices." - Aerospace

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Engineering Students is a self-contained course text for a first course in aircraft structures at undergraduate or graduate level. It covers all fundamental subjects, including elasticity, structural mechanics and analysis, airworthiness and aeroelasticity. The fourth edition has been extensively revised and updated. Key features include:

- New short case studies throughout to aid understanding and relate concepts to real world applications
- Additional coverage of post buckling of shear panels
- Additional material on composite laminate mechanics
- Thermal loading of beams
- A complete, extensive design project case study covering the application of the major techniques in the book
- Additional homework exercises and solutions
- Updated coverage of finite element analysis

Not the easiest book to understand but it gets the job done. Solutions are not available which significantly reduces the ease of learning for me.

I really love all the contents of this book and really much useful for people desperately looking for knowledge about Aircraft structures.

Book was in great condition

this book is good for both undergrads and master's student who wants their fundamentals to be revised or made stronger. This book is very well compiled. The initial chapters cover the basic Structural part and part B makes us relate those things with the aircraft structures. Also the examples are good and very well written,

Good source but not as good as Bruhn. That is a classic in comparison to this text so a good back-up.

5 stars because the book was in perfect shape (though it was listed as medium condition) and the price was excellent

Not enough examples

Got it for my class, and it worked fine. It's a decent book.

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